

Amendments to the claims:

Claim 1 (currently amended): A method of controlling a back light of a display device included in a programmable controller which cyclically executes a user program; said method comprising the steps of:

providing at least one display setting data group including a message to be displayed on said display device and a control command for switching on and off said back light; and

specifying a parameter in a user program of a programmable controller ~~addressed to said display device~~, thereby selectively specifying one of said at least one display setting data group, wherein said back light is switched on and off according to the control command included in the specified display setting data group and wherein said parameter is specified in a display command that is a command to display as said message a specified data item described in said user program.

Claim 2 (previously presented): The method of claim 1 wherein said user program is stored in a user program memory which is different from a system program memory that stores a system program for said programmable controller.

Claim 3 (original). The method of claim 1 wherein said control command controls switching on and off of said back light, said control command causing said back light to be switched on and then switched off after a specified time length has elapsed.

Claim 4 (previously presented): A method of controlling a back light of a display device; said method comprising the steps of:

providing a control command for switching on and off said back light and a message to be displayed on said display device to a user program of a programmable controller

addressed to said display device; and

controlling switching on and off of said back light according to said control command provided to said user program.

Claim 5 (previously presented): The method of claim 4 wherein said user program is stored in a user program memory which is different from a system program memory that stores a system program for said programmable controller.

Claim 6 (original). The method of claim 4 wherein said control command controls switching on and off of said back light, said control command causing said back light to be switched on and then switched off after a specified time length has elapsed.

Claim 7 (currently amended): A programmable controller having a display device having a back light, said display device being provided with at least one display setting data group including a message to be displayed on said display device and a control command for switching on and off said back light, said programmable controller display device comprising:

an extracting means for selectively specifying one of said at least one display setting data group by a parameter and extracting a control command from the specified display setting data group, said parameter being included in a user program of a said programmable controller addressed to said display device and serving to selectively specifying said specified display setting data group;

a control means for controlling switching on and off of said back light according to said control command extracted by said extracting means;

an execution means that executes said user program cyclically;
a system program memory that stores a system program for said control means; and
a user program memory which is different from said system program memory and stores said user program.

Claim 8 (previously presented): The display device of claim 7 wherein said parameter is included in a display command that is a command to display as said message a specified data item described in said user program.

Claim 9 (original): The display device of claim 7 wherein said control command controls switching on and off of said back light, said control command causing said back light to be switched on and then switched off after a specified time length has elapsed.

Claim 10 (previously presented): A display device having a back light, said display device comprising:

an extracting means for extracting from a user program addressed to said display device a control command for switching on and off said back light, said user program including a message to be displayed on said display device and said control command; and

a control means for controlling switching on and off of said back light according to said control command extracted by said extracting means.

Claim 11 (previously presented): The display device of claim 10 wherein said control command is extracted from a display command which is a command to display as

said message a specified data item described in said user program of a programmable controller.

Claim 12 (original): The display device of claim 10 wherein said control command controls switching on and off of said back light, said control command causing said back light to be switched on and then switched off after a specified time length has elapsed.

Claim 13 (previously presented): The display device of claim 10 further comprising:

a system program memory that stores a system program for said control means; and a user program memory which is different from said program memory and stores said user program.

Claim 14 (previously presented): The method of claim 4 wherein said control command is provided to a display command that is a command to display as said message a specified data item described in said user program.

Claim 15 (previously presented): The method of claim 1 further comprising the step of modifying said user program.